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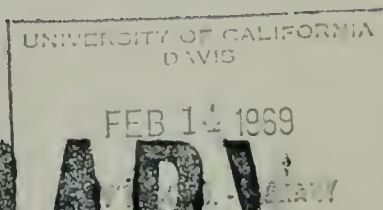
Department of Water Resources

BULLETIN No. 117

RECREATION  
AND  
FISH AND WILDLIFE PROGRAM  
FOR THE STATE WATER PROJECT

DECEMBER 1968

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BULLETIN No. 117

RECREATION  
AND  
FISH AND WILDLIFE PROGRAM  
FOR THE STATE WATER PROJECT

Copies of this bulletin may be obtained from:  
State of California  
Department of Water Resources  
P.O. Box 388  
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DECEMBER 1968

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*Secretary for Resources*  
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PUBLISHED BULLETINS OF THE 117 SERIES

<u>No.</u>	<u>Title</u>	<u>Date</u>
117-2	Del Valle Reservoir Recreation Development Plan	Dec. 1966
117-3	Lake Davis Recreation Development Plan	July 1965
117-4	Abbey Bridge Reservoir Water Resources Recreation Report	Dec. 1966
117-6	Water Resources Recreation Report: Oroville Reservoir, Thermalito Forebay, Thermalito Afterbay	Dec. 1966
117-7	San Luis Reservoir and Forebay Recreation Development Plan Appendix C: Fish and Wildlife Development Plan	May 1965 June 1966
117-18	Oroville Borrow Area: Water Resources Recreation Report	July 1968
117-19	Kettleman City Aquatic Recreation Area: Recreation Development Plan	Dec. 1966
117-20	Ingram Creek Aquatic Recreation Area: Recreation Development Plan	Dec. 1966

## FOREWORD

Recreation and the enhancement of fish and wildlife resources are purposes of the State Water Project. They are established by State Law as activities and resources which are intended to benefit from the construction and operation of water development projects by the State of California.

The State Water Project will provide major benefits to recreation and fish and wildlife interests. In fact, major accomplishments have already been made, as the completed units of the project are now being used by recreationists.

Bulletin 117 describes the proposal for implementation of the program of the Department of Water Resources for including recreation and fish and wildlife enhancement features in the State Water Project. It gives the background of the statutory and administrative basis for the program, and describes the present situation as well as the Department's schedule for developing recreation and fish and wildlife plans over the next five years within the present framework of the Water Code.

The Senate Committee on Water Resources held a public hearing on this program in Lancaster, California on October 24, 1968. A draft of this Bulletin had been circulated to the Committee and interested agencies and groups prior to the hearing. The program described in the Bulletin is flexible, and may be modified by legislative or administrative direction, or to reflect funding or other conditions.

*William R. Gianelli*

William R. Gianelli, Director  
Department of Water Resources  
The Resources Agency  
State of California  
December, 1968

State of California  
The Resources Agency  
Department of Water Resources

Ronald Reagan, Governor  
Norman B. Livermore, Jr., Secretary for Resources  
William R. Gianelli, Director, Department of Water Resources  
Robert G. Eiland, Assistant Director  
Alfred R. Golze', Deputy Director  
John R. Teerink, Deputy Director

Division of Resources Development

Wesley E. Steiner, Division Engineer  
John M. Haley, Assistant Division Engineer

This report was prepared by

David E. Pelgen, Chief, Recreation Planning and Coordination

and

Floyd P. McFadin, Water Resources Engineering Associate



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## ABSTRACT

The Davis-Dolwig Act of 1961 provided that the development of new recreation sites, along with features that will enhance the State's fish and wildlife resources, be included as a part of the State Water Project. The Act also assigned responsibility for planning such features to the Department of Water Resources./ Financing is provided from State Water Project Funds, Tidelands Oil Revenues, and the State General Fund./ A number of recreation features have already been constructed at completed Project units./ Plans for the next five years are explained. Pertinent sections of the Davis-Dolwig Act are included as Appendix A. Appendix B outlines the policy of the Resources Agency for carrying out the Davis-Dolwig Program.

## INTRODUCTION

Plans for recreation and the enhancement of fish and wildlife have been a part of the Department of Water Resources' planning for the State Water Project for a number of years.

The first expression of legislative policy to have a major bearing on the role of recreation and fish and wildlife enhancement in the State Water Project, appeared in the State Water Resources Act of 1945 (California Statutes 1945, Ch. 1514). A portion of that Act (as codified in Water Code Section 12581) states that:

"In studying water resources development projects, full consideration shall be given to all beneficial uses of the State's water resources including ... preservation and development of fish and wildlife resources, and recreational facilities, but not excluding other beneficial uses of water ...."

The State Water Resources Act was the expression by the Legislature which initiated studies leading to the preparation of the California Water Plan. Thus, the Department has been under directive from the Legislature to give full consideration to recreation and to planning for fisheries and wildlife since it began work on the California Water Plan. Early in that work recreation planners and fish and game biologists were added to the planning teams.

More comprehensive instructions were given by the Legislature in 1958, when Section 345 was added to the Water Code and in 1959 when Sections 233, 346, and 1243 were added. As a result of these additions to the Code, recreation and fish and wildlife conservation were prominently included in the planning of the State Water Project.

The Burns-Porter Act was passed by the Legislature in 1959 and later ratified by the electorate in 1960. This legislation provided the authorization and financing for the State Water Project exclusive of onshore recreation facilities. The project includes among other things a system of reservoirs, aqueducts, and other facilities to develop and transport surplus waters of Northern California to areas of need primarily in the North and South San Francisco Bay areas and in San Joaquin Valley and Southern California. The system, now past the midpoint of construction, is being financed for the most part by General Obligation Bonds, Revenue Bonds, and moneys derived from tidelands oil sources.

The Burns-Porter Act named certain dams and reservoirs of the State Water Project which could include recreation features, and, in certain cases, named in the Upper Feather River areas dams and reservoirs which had been planned solely for recreation and fish and wildlife enhancement purposes.

## THE DAVIS-DOLWIG ACT

The Davis-Dolwig Act was passed by the Legislature in 1961 after public hearings and discussions throughout the State. It is the primary source of state policy developed to date concerning recreation and fish and wildlife at state-constructed water projects. The Act not only sets forth certain fundamental policies -- it establishes the responsibilities of the state departments that participate in the program.

The Davis-Dolwig Act declares that recreation and the enhancement of fish and wildlife resources are among the purposes of state water projects. It specifies that costs incurred for the enhancement of fish and wildlife or for the development of public recreation shall not be included in the prices, rates, and charges for water and power, but shall be nonreimbursable costs. It provides for the Department to make an allocation of costs of any facility of the State Water Project to recreation or fish and wildlife enhancement purposes. It further provides that the acquisition of real property for recreation and fish and wildlife enhancement be planned and initiated concurrently with and as a part of the land acquisition program for other purposes of the project.

The Act assigns to the Department of Water Resources the responsibility of planning for recreation and fish and wildlife enhancement and preservation in connection with state constructed water projects, as well as the responsibility for acquiring any needed lands. These assignments recognize that since Water Resources plans and acquires land for all other aspects of state water projects, Water Resources should have these responsibilities for land acquisition for recreation and fish and wildlife as well.

The Department of Parks and Recreation is charged with the design, construction, operation and maintenance of the actual recreation features at state water projects. In making this assignment, the Legislature requested that consideration be given to arrangements whereby federal or local agencies could become participants if appropriate.

Similarly the Department of Fish and Game is charged with the responsibility to manage the fish and wildlife resources at state water projects.

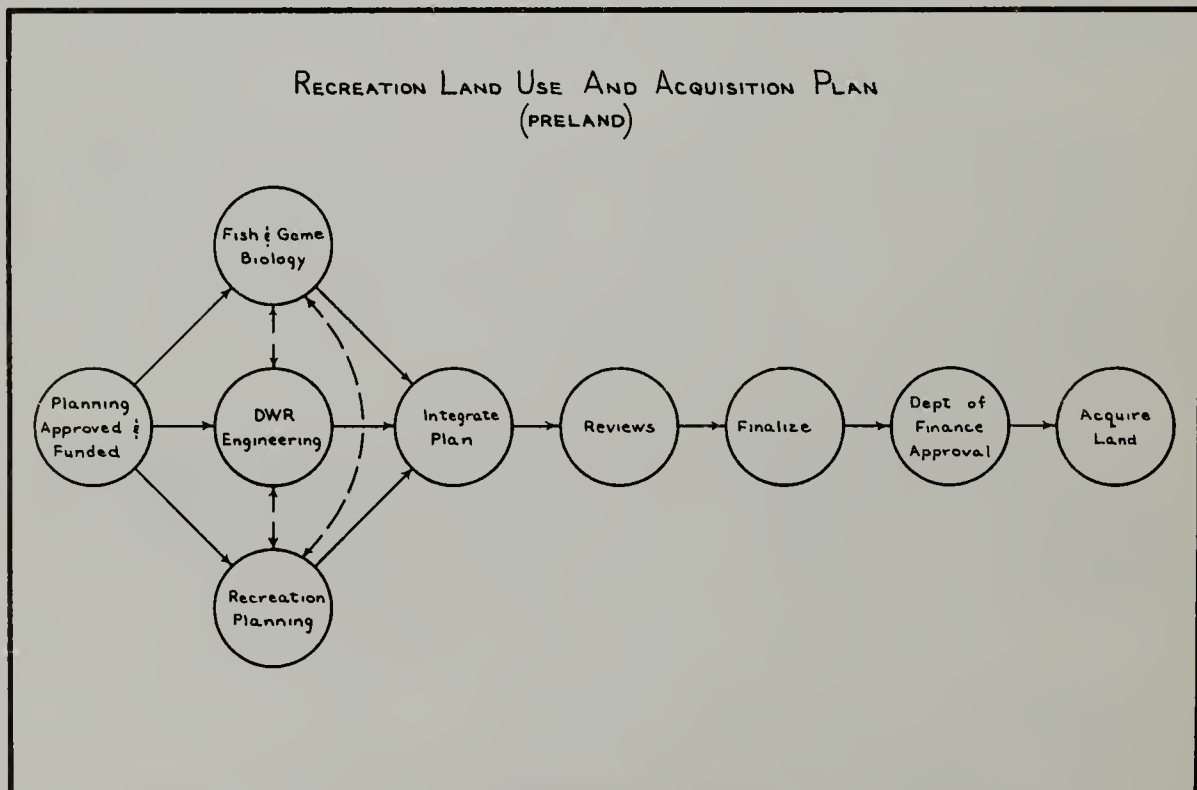
Finally, the Act declares the legislative intent that funds necessary for the actual enhancement of fish and wildlife and for recreation be appropriated annually from the General Fund. This includes the substantial capital outlays for onshore recreation developments constructed and operated by the Department of Parks and Recreation.



Because of the insufficiency of the General Fund in recent years, it became apparent that additional financing would be needed for at least some of the nonreimbursable costs of the recreation and fish and wildlife features of the State Water Project. In 1966, the Davis-Dolwig Act was amended to provide up to \$5 million annually of oil and gas revenues received by the State to repayment of allocated costs of dams and reservoirs for recreation and fish and wildlife and the specific recreation land costs of the State Water Project (Chapter 27, Statutes of 1966, First Extraordinary Session). These funds, however, cannot be used for the actual recreation onshore facilities such as picnic tables, boat ramps, camp sites, etc.

The most recent amendment to the Davis-Dolwig Act was made during the 1968 Session of the Legislature by passage of the Senate Bill No. 261. Passage of that bill added Section 11920 to the Davis-Dolwig Act authorizing the Wildlife Conservation Board to design and construct public fishing access sites at aqueducts constructed as part of state water projects.

FIGURE 1



## RECREATION PLANNING

The Department of Water Resources obtains the services of specialists from the Department of Fish and Game and the Department of Parks and Recreation in fulfilling its responsibilities under the Davis-Dolwig Act for planning recreation and fish and wildlife enhancement. Through annual interagency agreements with these two departments, fishery biologists, recreation planners, and other specialists work in Department of Water Resources offices with Department of Water Resources engineers. Because of this close working relationship, the plans are fully coordinated among the concerned department personnel, and the resultant recommendations recognize the interests of all of the potential water project purposes.

In addition to being coordinated within Department of Water Resources offices while under preparation, the plans are reviewed and approved in the Departments of Fish and Game and Parks and Recreation, and are returned to Water Resources as the recommendations of those agencies.

Following full coordination and review of the Department's recreation and fish and wildlife enhancement planning reports among cooperating state agencies, drafts of the reports are sent to other concerned state agencies and to concerned federal and local agencies for their review and comment.

The Department of Water Resources has for several reasons divided its recreation planning activities into two phases. The first of these is called Preland, simply because it is the work necessary before lands can be acquired. This work is financed by State Water Project funds, and in doing it the Department relies heavily on planning assistance obtained through contracts with the Departments of Parks and Recreation and Fish and Game. A report prepared under this Preland program is called a Recreation Land Use and Land Acquisition Plan and is quite general in nature. It shows the recreational uses proposed for all of the project lands, and shows any additional lands needed if the general project lands are not sufficient to accommodate the planned recreation activities. When the Recreation Land Use and Land Acquisition Plan is completed and approved, it becomes the basis for land acquisition if additional lands are required.

Figure 1 shows a schematic diagram of the steps in preparing such a plan.

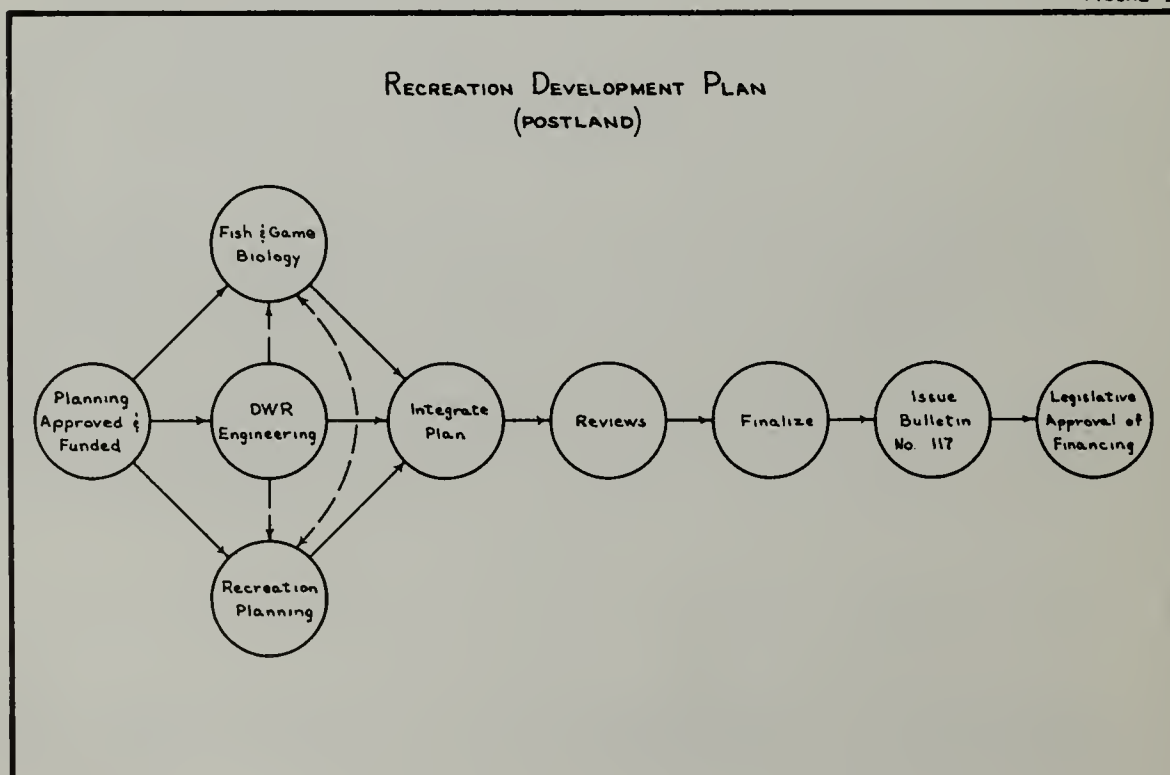
Following the preparation of the Land Use and Acquisition Plan the process moves into the Postland phase -- the preparation of the actual detailed Recreation Development Plan.

This plan is based on the concepts of the Land Use and Acquisition Plan and depicts the kinds of development proposed and just where the facilities are to be placed. It contains projections of the numbers of recreationists that will use the project areas, and it contains estimates of the development and operation costs for the project. The preparation of the Recreation Development Plan, like the earlier planning, is a cooperative venture in which the services of specialists from the cooperating state departments provide assistance to the Department of Water Resources. Unlike the earlier plan, the preparation of this more detailed plan is financed from the General Fund.

Figure 2 shows a schematic diagram of the steps in the preparation of a Recreation Development Plan. The purpose of the Recreation Development Plan is to show to the Legislature the kinds of recreation development and fish and wildlife enhancement measures and facilities proposed, and to describe the benefits and costs that relate to them. Reports on these plans also provide the basis to recommend to the Legislature that funds to implement the plan be included in the budget.

The Department of Parks and Recreation uses the Recreation Development Plan as a basis for its design and preparation of plans and specifications for construction of the recreation facilities and assumes the responsibility for implementation of the actual recreation facilities. The Office of Architecture and Construction, Department of General Services, serves as the contracting agency for the construction of major recreation facilities for the Department of Parks and Recreation.

FIGURE 2



## RECREATION FINANCING

The source of funds and the program developed for financing the recreation and fish and wildlife elements of the State Water Project are illustrated in a diagram shown as Figure 3 entitled "State Water Project, Recreation and Fish and Wildlife Costs". The diagram also shows the budgeting agency for each of the activities.

Water Code Section 11913 prescribes that funds necessary for enhancement of fish and wildlife and for recreation shall be included in the budget of the Department of Water Resources. However, in accordance with administrative policy developed in 1965, the Department of Parks and Recreation actually budgets from the General Fund for recreation facilities. The Department of Fish and Game budgets from the General Fund for such facilities in areas under their jurisdiction, such as the Oroville Borrow Area.

The Legislature has declared that costs of recreation and the enhancement of fish and wildlife should be nonreimbursable as distinguished from other water project purposes which must be repaid by the water and power users. The Water Code specifies that recovery of funds for these purposes shall not be included in the prices, rates, and charges for water and power. Water project funds used for recreation -- planning, land acquisition, and the joint project costs allocated to recreation -- are repaid to the extent available from tidelands oil revenues (Chapter 27, Statutes of 1966, First Extraordinary Session).

Repayment from tidelands oil revenues for expenditures of water project funds for recreation or fish and wildlife enhancement is limited to \$5 million per year. Because of the magnitude of recreation expenditures and allocations, the Department expects the full \$5 million of reimbursements to be required each year for the foreseeable future. Currently there is a backlog of expenditures and allocations in excess of the yearly limit. Thus, even though the Department's expenditures for recreation are repaid in full and with interest, these expenditures can contribute to short-term financing problems by depleting capital available at any given time. This has been of concern to the Department in recent months in connection with State Water Project financing considerations.

Another problem that the Department recognized in the area of recreation and fish and wildlife financing is that of meeting the costs of the onshore recreation facilities. As pointed out earlier, design and construction of these facilities and budgeting funds for them are responsibilities of the Department of Parks and Recreation. As the planning

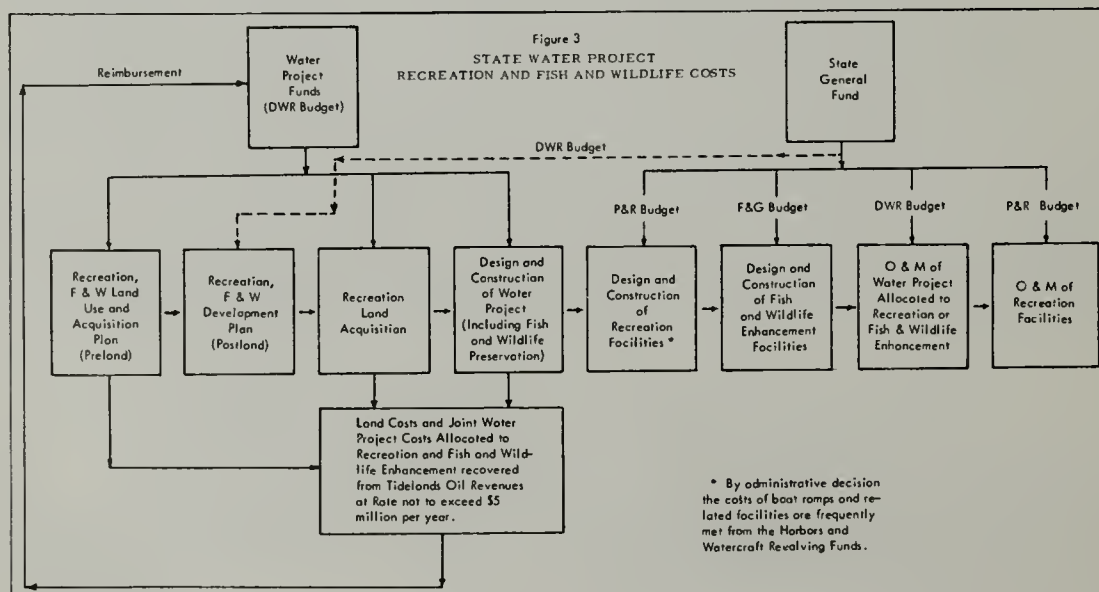


and land acquisition agency, the Department of Water Resources cannot help but be concerned about the difficulties in obtaining funds to complete the recreation facilities. As a matter of fact the Department in previous years has expended funds for land acquisition in anticipation of recreation facilities which now appear will not be provided. Some way must be found to insure that recreation plans can be implemented so that planning and land acquisition costs and expenditures can be justified.

The General Fund of the State is under heavy pressure by the demands of the great variety of activities and programs that are supported by it. Recreation programs are in serious competition with these other worthwhile and needed programs for limited dollars. To further compound the problem, recreation developments associated with the State Water Project must compete with a great many other State Park System projects -- parks, recreation areas, beaches -- for the limited funds available for the total Department of Parks and Recreation capital outlay program.

Financing the facilities and operations necessary for the mitigation of damages to fish and wildlife resources should be mentioned because it differs greatly from recreation and fish and wildlife enhancement. Requirements for preserving existing, or pre-project, fish and wildlife resources, or for mitigation of damages to them, produce no new benefits. These actions are much like relocation of utilities or replacement of features that the project would displace. Water project funds are used for fish and wildlife mitigation facilities and operations. These costs are project costs and are reimbursable.

One of the purposes of this report is to spell out procedures the Department of Water Resources intends to adopt in order to make the recreation and fish and wildlife portions of the State Water Project as meaningful as possible under the very severe limitation of funds available to it.





## RECREATION TASK FORCE

In February of 1967, Mr. Norman B. Livermore, Jr., Secretary for the Resources Agency, appointed a Task Force to review the program for recreation and fish and wildlife enhancement for the State Water Project. This was done because it was recognized that the projected costs of the program appeared very high, and because the new administration wanted to review the policies of this important program and the requirements it was placing on the General Fund.

When it began its work, the Task Force recognized and identified 49 separate recreation or fish and wildlife features or projects. These included reservoirs, fishing access sites, aquatic recreation areas adjacent to aqueducts, fish hatcheries, ecological and wildlife habitat areas, streamflow maintenance projects, and others. Some of these were fully planned and described in official reports; some were on the drawing boards in various stages of completion; some had been only vaguely discussed and were little more than concepts.

From the planning data and cost estimates available, the Task Force identified total estimated capital costs for the program of \$176.6 million over a 50-year period. These costs for the first ten years of the proposed projects amount to an estimated \$105.3 million, or more than \$10 million per year.

The Task Force reported its findings and recommendations in August 1967, in a report entitled "Report of the Recreation Task Force on the State Water Project". A number of recommendations were contained in the report. Some of them, such as those dealing with organization of recreation staff in the Department of Water Resources have been accomplished administratively. Some problems treated in the report resulted in action by others. Using information in the report, for example, the Senate Committee on Water Resources recommended assignment of the fishing access program to the Wildlife Conservation Board. Legislation to accomplish this was introduced and passed in the 1968 General Session.

The Task Force recommended that the planned program be scaled down by elimination of certain features planned for recreation that were not integral features of the State Water Project nor located on project land or water areas. It reasoned that features requiring additional or separated lands and new waters that would not normally exist in the project were not as clearly justifiable as projects at reservoirs or on the aqueducts that make direct use of the project. The

Task Force pointed out that the projects it suggested for deletion from the program could be built whether or not the State Water Project existed. Estimated costs of the projects recommended for deletion totaled \$42.5 million.

RESOURCES AGENCY POLICY ON THE  
DAVIS-DOLWIG ACT

The recommendations of the Recreation Task Force were reviewed by all of the agencies, organizations and groups that maintained an interest in the recreation and fish and wildlife program for the State Water Project. Some of the recommendations received negative comment by various groups. Not all of the critics, however, were in agreement as to the course of action that should be taken on the various aspects of the program.

In April of 1968 the Secretary for the Resources Agency issued a "Resources Agency Policy for the Davis-Dolwig Program" setting forth certain guidelines for proceeding further. The policy statement appears in Appendix B of this report.

The Secretary's policy statement assigned a priority system to recreation and fish and wildlife projects identified by the Task Force for use in further planning and development. The priority system identifies several classes of reservoirs, fishing access sites, and miscellaneous projects. No projects were eliminated from further consideration.

## IMPLEMENTATION OF THE RESOURCES AGENCY POLICY

Since issuance by the Secretary for the Resources Agency in April 1968 of his policy statement, the planning program of the Department of Water Resources for recreation and fish and wildlife enhancement has been revised. Additional detailed instructions are necessary, however, to provide for full implementation of the policy. Accordingly, the guidelines set forth in this report have been prepared to implement the Department's portion of the recreation and fish and wildlife program for the State Water Project.

Implementation of the program consists essentially of two parts: One is a continuation of activity already underway, and the second part is an initiation of new activity to provide for an orderly procedure for these activities not yet finalized -- both in furtherance of the Resources Agency policy.

### Reservoirs

Continuation of existing activity applies to the first, second, and third categories. These are: (1) completed reservoirs, (2) reservoirs under construction, and (3) reservoirs to be constructed. Work is underway to some degree, or has been completed, at all reservoir sites in all categories.

The preparation of land use and acquisition plan reports (Preland program using project funds) will continue to be processed in the four district offices of the Department. The Division of Right-of-Way Acquisition will monitor the progress of these reports, and will proceed with the acquisition of any additional lands needed once the Preland report has received the approval of the Departments of Water Resources and Finance.

Existing activity also includes reservoir recreation development plan reports (Postland program using General Funds). These will continue to be prepared by the district offices of the Department of Water Resources with assistance from contract service personnel of the Departments of Parks and Recreation and Fish and Game, with broad coordination as at present. The recreation development plan is primarily related to onshore facilities and operation matters, and is based on the approved land use and acquisition report.

The impact of the recreation development plan on the construction program of the Department should be discussed



in the report if there appear to be advantages in the Department including certain recreation construction in its program. Such construction of onshore recreation features and the time of construction of the basic water project requires advance financial arrangements with the Department of Parks and Recreation, and each will be handled on an individual basis as these situations occur.

Work on land use and acquisition plan reports around the various water project reservoirs, the acquisition of needed lands, and recreation development plan reports will be expedited to the maximum extent feasible, in keeping with the Resources Agency policy.

### Fishing Access Sites

Fourth priority relates to provision of fishing access sites on the California Aqueduct which have been assigned to the Wildlife Conservation Board (Chapter 411, Statutes of 1968). The Wildlife Conservation Board is a very small agency and will need some help from the Department in getting this program started, particularly in making an early determination of land acquisition requirements. A formal report on land acquisition needs for fishing access sites is to be developed by the Board, and on approval of the plan by the Directors of Water Resources and Finance, the Division of Right-of-Way Acquisition will proceed with the acquisition of any additional land required in the same manner as under the land use and acquisition report for recreation at reservoirs.

See Water Code Section 11920 for additional guidance on the program for fishing access at aqueducts.

### Miscellaneous Projects

The fifth and final category includes miscellaneous projects such as aquatic recreation areas, ecological areas, etc., each of which will be handled on its individual merits. Formal reports will be prepared for each of these for subsequent approval. In view of the fact that these projects are not fully integral with other physical features of the State Water Project, it is necessary to deviate somewhat from the procedures to be followed around the project reservoirs and along the project aqueducts. For the considerations set forth below, no additional land acquisition will be undertaken until there is reasonable assurance that funds will be available for construction of onshore facilities to complete the plan.



The Resources Agency policy statement lists four items\* to be taken into account in considering the appropriateness of the several miscellaneous projects under the Davis-Dolwig Act. The items are largely self-explanatory, but for our purposes are amplified as follows:

1. The Resources Agency policy requires consideration of the ability of local or other interests to construct and operate each facility or a substitute therefor in lieu of the State of California.

In the Department's planning program the interest of local or other interests in construction or operation of each facility will be determined. Contacts will be made with boards of supervisors, local recreation departments or districts, and others. Consideration will be given to an expression of a state agency that it prefers to construct and/or operate the facility and can secure the necessary approvals and funds for implementation.

2. The policy requires consideration of the feasibility of development as evidenced by completion and approval of definite planning reports as provided under established Davis-Dolwig procedures.

The Department's reports on these projects will demonstrate a complete showing of economic justification before recommending a project for further consideration. Department reports on miscellaneous projects will be single reports entitled "Water Resources Recreation Reports" rather than dual reports as described; for example, in developing recreation plans around a reservoir. Under this plan land acquisition will not proceed until the entire plan is developed and approved and reasonable assurance obtained that funds can be secured to develop the plan.

3. The Resources Agency policy requires the availability of State Water Project funds for land acquisition.

This involves a sensitive policy determination which will be made by the Director of Water Resources following a determination of the approximate cost of such land and funding requirements of water-associated portions of the project.

4. The policy requires consideration of the availability of general funds to complete onshore facilities.

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\*The underlined portions are quoted from the Resources Agency policy statement.

The Department would consider it inappropriate to expend water project funds for recreation lands only to see those lands remain undeveloped due to lack of funds for onshore recreation facilities. In order to avoid this, each report recommending a project for land acquisition and development will have a statement appended to it from the Directors of Parks and Recreation, Fish and Game, or Finance, as may be appropriate. This addition will state that timely appropriations to complete the developments recommended in the report will be given priority and included in that department's budget.

### General Guidelines

Use of the five priority groupings in the Resources Agency policy statement does not imply that all of the actions on one priority must be completed before any work can proceed on the next lower priority. Planning and land acquisition on several projects of differing priorities might proceed at the same time; however, expenditure of manpower or funds on a low priority project would not be in keeping with the spirit of the Resources Agency policy if a higher priority project were delayed at the same time because of insufficient manpower or funds.

The listing of the projects within the individual priority categories in the Secretary's tabulation does not represent any order of preference.

With all categories of projects it will be necessary for the Department to maintain a continuity of coordination and exchange of information with other agencies working with us on these programs. This includes cooperating state agencies, the U. S. Forest Service, Federal Power Commission, and local interests such as counties, cities, and districts. Our water service contractors may also be involved. These relationships will be maintained primarily by the four districts of the Department at their level of activity.

## PLANNING PROGRAM

Table 1, entitled "Recreation, Fish and Wildlife Enhancement Planning Program, State Water Project", has been prepared to set forth a proposed program for planning for recreation and fish and wildlife over the five-year period 1968-69 through 1972-73. The dollar amounts shown beyond the 1969-70 fiscal year are for budget planning purposes only at this time, and are subject to change. The table shows report progress and present and future planning effort for each of the recreation or fish and wildlife enhancement projects listed in the Secretary's April policy statement. An attempt has been made to schedule first those projects which appear to have an early need. It should not preclude a rearranging of program to the extent that it may be desirable to complete one facility in advance of another. The budgeted amounts for each year are broken down into project funds, used for planning prior to the definition of a land acquisition plan; and general funds, used for detailed recreation planning beyond the time that land needs are identified.

This five-year program reflects the priority assignments of the Resources Agency, the availability of funds, and the Department's estimate of time necessary to plan, fully coordinate and review with concerned agencies, and complete reports on the individual projects. If the opportunity develops to advance the planning for any of the proposals to a time earlier than shown on Table 1, the Department will advance the schedule for that work.

TABLE I

RECREATION, FISH AND WILDLIFE ENHANCEMENT PLANNING PROGRAM  
STATE WATER PROJECT

PROJECT	PRIORITY	REMARKS	REPORT PROGRESS						1968-69		1969-70		1970-71		1971-72		1972-73	
			I	II	III	IV	V	VI	P.F.	O.F.	P.F.	O.F.	P.F.	O.F.	P.F.	O.F.	P.F.	O.F.
1. FRENCHMAN RESERVOIR	1	2/	X	X	X	X	X	X										
2. ANTELOPE RESERVOIR	1	2/	X	X	X	X	X	X										
3. LAKE DAVIS	1	2/	X	X	X	X	X	X										
4. LOS BANOS RESERVOIR	1		X	X	X	X					10,000		5,000					
5. SAN LUIS RESERVOIR	1	2/	X	X	X	X	X	X										
6. THERMALITO FOREBAY AND AFTERBAY	1	2/	X	X	X	X	X	X										
7. GROVILLE RESERVOIR AND BORROW AREA	1	2/	X	X	X	X	X	X										
8. BETHANY FOREBAY	1								10,000									
9. DEL VALLE RESERVOIR	2	2/	X	X	X	X	X	X										
10. CASTAIC RESERVOIR - PHASE I	2		X	X	X	X	X		15,000		10,000		20,000					
CASTAIC RESERVOIR - PHASE II	2										10,000	5,000	10,000		10,000			
11. CLIFTON COURT FOREBAY	2	3/	X	X	X	X												
12. FISHERS RESERVOIR	3		X		X				5,000	20,000	10,000		20,000		20,000		10,000	
13. LAKE SILVERWOOD	3		X		X				20,000		20,000							
14. PYRAMID RESERVOIR	3								20,000	10,000	15,000	10,000	20,000		10,000			
15. ARNEY BRIDGE RESERVOIR	3	2/	X	X	X	X	X	X										
16. DODGE REFUGE RESERVOIR	3	4/	X	X	X	X												
17. PERIPHERAL CANAL RECREATION AREA	5	2/																
18. DUDMAN CREEK AQUATIC RECREATION AREA	5	8/	X	X	X	X	X	X										
19. ADAMS CANALSIDE HABITAT AREA	5		X										5,000					
20. CADILLAC CANALSIDE HABITAT AREA	5		X												5,000			
21. KETTLEMAN CITY AQUATIC RECREATION AREA	5	8/	X	X	X	X	X	X										
22. TUFMAN AQUATIC RECREATION AREA	5	6/	X		X													
23. BUENA VISTA AQUATIC RECREATION AREA	5	6/			X													
24. PEACE VALLEY AQUATIC RECREATION AREA	5				X				5,000		15,000							
25. FRENCHMAN FLAT - PIRU CREEK FISH ENHANCEMENT	5		X		X						20,000		5,000					
26. RITTER CANYON AQUATIC RECREATION AREA	5		X		X									5,000	15,000		10,000	
27. RITTER RIDGE ECOLOGICAL AREA	5	1/	X															
28. LITTLE ROCK RESERVOIR FISH ENHANCEMENT	5		X								10,000	5,000	5,000	20,000				
29. ORO GRANDE WASH FISH ACCESS AND A. R. A.	5				X								5,000		15,000			
30. RESPIRIA TROUT HATCHERY	5	4/	X															
31. MOJAVE MESA AQUATIC RECREATION AREA	5				X										5,000		20,000	
32. WARMWATER HATCHERY	5	4/	X															
UTILIZATION OF EXCESS LANDS									3,000		10,000		5,000		5,000		5,000	
COORDINATION WITH U.C.B. ON FISHING ACCESS									7,000		10,000		10,000		5,000			
ADMINISTRATION AND MANAGEMENT OF PROGRAMS									20,000	52,000	27,000	47,000	20,000	40,000	15,000	25,000	5,000	15,000
TOTALS									55,000	132,000	82,000	152,000	45,000	145,000	35,000	100,000	10,000	55,000

1. Indicates degree of completion of coordination with other agencies and preparation of reports.

I. Recommendations of Department of Fish and Game on land use and land acquisition received.

II. Recommendations of Department of Fish and Game on development received.

III. Recommendations of Department of Parks and Recreation on land use and land acquisition received.

IV. Recommendations of Department of Parks and Recreation on development received.

V. Department of Water Resources report on land use and land acquisition completed.

VI. Department of Water Resources report on development completed.

2. Department of Water Resources planning work has been completed

3. Department of Water Resources planning work has been completed, but major revision in land acquisition makes that planning obsolete. Additional recreation planning might be necessary.

4. Not scheduled.

5. Recreation planning included in project formulation studies and funded as part of that program.

6. Deferred in favor of Kern County's proposed Buena Vista Reservoir for which Davis-Grunsky financial assistance has been requested.

7. Deferred in favor of more comprehensive proposal for acquisition and development by P&amp;R through other than Davis-Dolwig Program.

8. Department of Water Resources planning has been completed and some of the lands have been acquired. Due to lack of current P&amp;R interest, lands will be considered for disposal if not needed for fishing access program.

9. Project funds.

10. General funds.





Appendix A  
Davis-Dolwig Act



Davis-Dolwig Act  
Article 1. State Policy  
(Article 1 added by Stats. 1961, Ch. 867)

11900. The Legislature finds and declares it to be necessary for the general public health and welfare that preservation of fish and wildlife be provided for in connection with the construction of state water projects.

The Legislature further finds and declares it to be necessary for the general public health and welfare that facilities for the storage, conservation or regulation of water be constructed in a manner consistent with the full utilization of their potential for the enhancement of fish and wildlife and to meet recreational needs; and further finds and declares that the providing for the enhancement of fish and wildlife and for recreation in connection with water storage, conservation, or regulation facilities benefits all of the people of California and that the project construction costs attributable to such enhancement of fish and wildlife and recreation features should be borne by them.

The Legislature further finds and declares it to be the policy of this State that recreation and the enhancement of fish and wildlife resources are among the purposes of state water projects; that the acquisition of real property for such purposes be planned and initiated concurrently with and as a part of the land acquisition program for other purposes of state water projects; and that facilities for such purposes be ready and available for public use when each state water project having a potential for such uses is completed.

(Added by Stats. 1961, Ch. 867.)

11901. It is the purpose of this chapter to provide for the planning and construction of water storage, conservation, and regulation facilities and associated fish and wildlife and recreation features consistent with this declaration and to make provision for funds therefor on a continuing basis, and to provide for the operation and maintenance of such fish and wildlife and recreation features.

In enacting this chapter, however, it is not the intent of the Legislature to diminish any existing powers of the Department of Water Resources, the Department of Parks and Recreation, or the Department of Fish and Game, but rather to provide specifically for the preservation and enhancement of fish and wildlife resources and for a system of public recreation facilities at state water projects as part of a coordinated plan for multipurpose use of these projects.

(Added by Stats. 1961, Ch. 867; amended by Stats. 1965, Ch. 93.)

Article 2. Definitions  
(Article 2 added by Stats. 1961, Ch. 867)

11903. As used in this chapter, "project" means any physical structure to provide for the conservation, storage, regulation, transportation, or use of water, constructed by the State itself or by the State in co-operation with the United States.

(Added by Stats. 1961, Ch. 867.)

Article 3. Application  
(Article 3 added by Stats. 1961, Ch. 867)

11905. The provision of this chapter shall apply to the Central Valley Project and every other project constructed by the State itself or by the State in co-operation with the United States, including, but not limited to, the State Water Resources Development System.

(Added by Stats. 1961, Ch. 867.)

Article 4. Planning and Construction of Projects  
(Article 4 added by Stats. 1961, Ch. 867)

11910. There shall be incorporated in the planning and construction of each project such features (including, but not limited to, additional storage capacity) as the department, after giving full consideration to any recommendations which may be made by the Department of Fish and Game, the Department of Parks and Recreation or any division thereof, including but not limited to, the Division of Small Craft Harbors and the Division of Beaches and Parks, any federal agency, and any local governmental agency with jurisdiction over the area involved, determines necessary or desirable for the preservation of fish and wildlife, and necessary or desirable to permit, on a year-round basis, full utilization of the project for the enhancement of fish and wildlife and for recreational purposes to the extent that such features are consistent with other uses of the project, if any. It is the intent of the Legislature that there shall be full and close coordination of all planning for the preservation and enhancement of fish and wildlife and for recreation in connection with state water projects by and between the Department of Water Resources, the Department of Parks and Recreation, the Department of Fish and Game, and all appropriate federal and local agencies.

(Added by Stats. 1961, Ch. 867; amended by Stats. 1965, Ch. 93.)

11910.5. Such recreational purposes include, but are not limited to, those recreational pursuits generally associated with the out-of-doors, such as camping, picnicking, fishing, hunting, water contact sports, boating, and sightseeing, and the

associated facilities of campgrounds, picnic areas, water and sanitary facilities, parking areas, view points, boat launching ramps, and any others necessary to make project land and water areas available for use by the public.

(Added by Stats. 1961, Ch. 867.)

11911. The planning for public recreation use and fish and wildlife preservation and enhancement in connection with state water projects shall be a part of the general project formulation activities of the Department of Water Resources, in consultation and co-operation with the departments and agencies specified in Section 11910, through the advance planning stage, including, but not limited to, the development of data on benefits and costs, recreation land use planning, and the acquisition of land. In planning and constructing any project, the department shall, to the extent possible, acquire all lands and locate and construct, or cause to be constructed, the project and all works and features incidental to its construction in such a manner as to permit the use thereof for the preservation and enhancement of fish and wildlife and for recreational purposes upon completion of the project.

(Added by Stats. 1961, Ch. 867.)

11912. The department, in fixing and establishing prices, rates, and charges for water and power, shall include as a reimbursable cost of any state water project an amount sufficient to repay all costs incurred by the department, directly or by contract with other agencies, for the preservation of fish and wildlife and determined to be allocable to the costs of the project works constructed for the development of such water and power, or either. Costs incurred for the enhancement of fish and wildlife or for the development of public recreation shall not be included in the prices, rates, and charges for water and power, and shall be nonreimbursable costs.

It shall be the duty of the department to report annually to the Legislature the costs, if any, which the department has allocated to recreation and fish and wildlife enhancement for each facility of any state water project. The department shall also report to the Legislature any revisions which the department makes in such allocations.

The department shall submit each such cost allocation to the Department of Parks and Recreation and to the Department of Fish and Game. The Department of Parks and Recreation and the Department of Fish and Game shall file with the Department of Water Resources their written comments with respect to each such cost allocation, which written comments shall be included in the report required by this section.



The allocations or revised allocations reported to the Legislature shall become effective for the purposes of Section 11915 upon approval by the Legislature.

It shall also be the duty of the department to report to the Legislature on any expenditure of funds for acquiring rights-of-way, easements and property pursuant to Section 346 for recreation development associated with such facilities. For the purposes of Section 11915 such expenditures shall become approved in the same manner as provided above with respect to cost allocations.

(Added by Stats. 1966, Ch. 27.)

Sec. 3. Section 11913 of said code is amended to read: 11913. The Legislature hereby declares its intent that, except as funds are provided pursuant to Section 11915, there shall be included in the budget for the department for the 1962-1963 fiscal year and each succeeding fiscal year and in the Budget Act for that fiscal year and each succeeding fiscal year, an appropriation from the General Fund of the funds necessary for enhancement of fish and wildlife and for recreation in connection with state water projects as provided in this chapter.

(Added by Stats. 1966, Ch. 27.)

11914. The department shall make any necessary revisions in the allocation of costs of any state water project works constructed for the development of water and power, or either, which would result from the expenditure of funds under this chapter for enhancement of fish and wildlife and recreation in connection with such works.

(Added by Stats. 1961, Ch. 867.)

Sec. 4. Section 11915 is added to said code, to read:

11915. All moneys deposited in the Central Valley Water Project Construction Fund pursuant to the provisions of Chapter 138, Statutes of 1964, First Extraordinary Session, and all accruals to such moneys so deposited, are hereby appropriated to the department for expenditure by the department without regard to fiscal years for the purposes of the construction fund, in amounts equal to allocations to recreation and fish and wildlife enhancement and to the costs of acquiring rights-of-way, easements and property for recreation development which have become effective pursuant to Section 11912.

(Added by Stats. 1966, Ch. 27.)

Sec. 5. Section 11915.1 is added to said code, to read:

11915.1. The provisions of this chapter shall not limit the department in the financing and construction of any of the facilities of the State Water Resources Development System pursuant to the provisions of Chapter 8 (commencing with Section 12930) of Part 6, nor shall they constitute a limitation on or modification of the responsibility of the department to make allocations of costs provided for in water supply contracts executed pursuant thereto.

(Added by Stats. 1966, Ch. 27.)

Sec. 6. Section 1.5 of this act shall not become operative if Senate Bill No. 2 of the 1966 First Extraordinary Session is enacted by the Legislature and becomes effective.  
(Added by Stats. 1966, Ch. 27.)

11915.5. For the purpose of furthering recreation in any project of the department, the department may exchange any real property it has acquired for property in the state owned by the United States which is of substantially equal value, whether or not such real property of the United States is adjacent to or needed for any project of the department. Such title or rights as the department deems necessary for the proper operation and maintenance of the water conservation, flood control or power features of any water project shall not be included in any exchange consummated under this section.

Any such exchange involving real property acquired by the department solely for recreation shall be concurred in by the Department of Parks and Recreation. Any such exchange involving property acquired by the department solely for fish and wildlife purposes shall be concurred in by the Department of Fish and Game. Any such exchange involving property acquired solely for fish, wildlife and recreational purposes shall be concurred in by the Department of Fish and Game and the Department of Parks and Recreation. Real property of the United States not necessary for a project of the department shall be acquired by the department by exchange under this section only if another agency of state government has agreed to acquire such real property from the department for the actual cost to the department of the real property which is to be given in exchange therefor; provided, that any amount appropriated to the department to reimburse it for prior expenditures for acquisition of such land shall be deducted from the actual cost.

(Added by Stats. 1965, Ch. 1050.)

Article 5. Powers and Duties of the Department of Fish and Game and the Department of Natural Resources  
(Article 5 added by Stats. 1961, Ch. 867)

11917. The Department of Fish and Game shall manage fish and wildlife resources at state water projects, including any such additional resources as are created by such projects, in a manner compatible with the other uses of such projects.  
(Added by Stats. 1961, Ch. 867.)

11918. The Department of Parks and Recreation is authorized to design, construct, operate, and maintain public recreation facilities at state water projects. Before commencing the construction of any such facilities, the Department of Parks and Recreation shall submit its plans and designs

to the local governmental agencies having jurisdiction over the area involved. The Department of Parks and Recreation shall make every effort to fulfill its responsibilities under this section by entering into contracts with the United States, local public agencies, or other entities, to the end that maximum development of the recreational potential of state water projects shall be realized. The Department of Parks and Recreation shall have the authority to establish and enforce standards for the development, operation, and maintenance of such public recreation areas.

The design, construction, operation, and maintenance of public recreation facilities at state water projects, and the management of project lands and water surfaces for recreational use, shall be subject to the approval of the Department of Water Resources to ensure that they shall not defeat or impair the orderly operation of any state water project for its other authorized purposes and the accomplishment of such purposes.

(Added by Stats. 1961, Ch. 867; amended by Stats. 1965, Ch. 93.)

11919. Public recreation facilities in connection with state water projects are recreational areas.

(Added by Stats. 1961, Ch. 867.)

11920. The Wildlife Conservation Board is authorized to design and construct public fishing access sites to aqueducts constructed as part of state water projects in accordance with such policies and procedures as may be established by the board.

To the extent practicable such fishing access sites shall be constructed upon lands acquired for state water project purposes; provided, that such additional lands as may be necessary for such fishing access sites shall be acquired by the Department of Water Resources pursuant to this chapter; and, provided further, that such facilities as may be necessary to assure the safe use of such fishing access sites by the public shall be constructed by the Department of Water Resources upon the appropriation of funds for such purposes by the Legislature.

Plans for such fishing access sites shall be subject to the approval of the Department of Water Resources to ensure that they shall not defeat or impair the orderly operation of any state water project for its other authorized purposes and the accomplishment of such purposes.

(Added by Stats. 1968, Ch. 411.)

#### Article 6. Short Title

(Article 6 added by Stats. 1961, Ch. 867)

11925. This chapter shall be known and may be cited as the "Davis-Dolwig Act."

(Added by Stats. 1961, Ch. 867.)

Appendix B

Resources Agency Policy for the  
Davis-Dolwig Program



Memorandum

To : Honorable William R. Gianelli  
Director  
Department of Water Resources

Date : April 10, 1968

File No.:

Subject: Resources Agency  
Policy - Davis-Dolwig  
Act

From : Office of the Administrator

The attached statement of policy and tabulation of projects, which has evolved after our many detailed discussions, is transmitted for your information and implementation.

Please proceed with planning on the projects identified in the attached tabulation.

/s/ N. B. Livermore, Jr.  
N. B. Livermore, Jr.

Attachments



RESOURCES AGENCY POLICY  
Implementation of Davis-Dolwig Program  
State Water Project  
April 9, 1968

The Resources Agency hereby adopts the following priorities and policies for development for recreation and fish and wildlife enhancement facilities under the Davis-Dolwig program in connection with the State Water Project:

Completed Reservoirs

First priority would include the development, on a staged basis, of necessary facilities for recreation and fish and wildlife enhancement at the major state water project reservoirs that are already constructed. Department of Water Resources would complete the acquisition of necessary lands with project funds. The reservoirs involved include Oroville-Thermalito (including the borrow area), Frenchman, Antelope, San Luis, Lake Davis and Los Banos Creek, and Bethany Forebay. To the extent planning reports for land acquisition and development have not been completed, they will be expedited.

Reservoirs Under Construction

Second priority would include development of necessary facilities for recreation and fish and wildlife enhancement at project reservoirs now under construction; namely, Castaic, Clifton Court Forebay and Del Valle Reservoirs. DWR would complete necessary land acquisition with project funds. Planning reports at these sites would be revised at the earliest possible date to the extent necessary by the Department of Water Resources in cooperation with the Departments of Fish and Game, and Parks and Recreation.

Reservoirs to be Constructed

Third priority would include necessary facilities for recreation and fish and wildlife enhancement at reservoirs to be constructed, including Cedar Springs, Pyramid, Perris, Abbey Bridge, and Dixie Refuge. Again, DWR would complete necessary land acquisition with project funds. Planning reports by the Department of Water Resources, prepared in cooperation with Fish and Game, and Parks and Recreation would be expedited.

### Fishing Access

Fourth priority consists of fishing access sites along the California Aqueduct from the Delta to Cedar Springs Dam in San Bernardino County. This program is being taken over by the Wildlife Conservation Board. Department of Water Resources will work with the Board immediately to develop as many sites as possible as fast as possible throughout the entire aqueduct. An effort here should be made to construct as many fishing access sites as are feasible. To the extent additional land is required for this purpose, the Department of Water Resources should proceed to make such acquisitions with project funds. Access sites should be located on existing easements whenever possible and should not interfere with primary water supply purposes. Access sites should not be developed in the absence of a demonstration that a fishery will be present. Moneys from the General Fund will not be required for development of the fishery access program.

### Miscellaneous Projects

The remaining 16 miscellaneous fish and wildlife and recreation projects set forth in the Recreation Task Force Report on the State Water Project include aquatic recreation areas, wildlife habitat, and ecological areas, fish hatcheries and other features.

Each of these projects will be considered on an individual basis taking into account items such as (1) ability of local or other interests to construct and operate each facility or a substitute therefor in lieu of the State of California, (2) feasibility of development as evidenced by completion and approval of definite planning reports as provided under established Davis-Dolwig procedures, (3) availability of State Water Project funds for land acquisition, (4) availability of general funds to complete onshore facilities.

## PROJECTS FOR DAVIS-DOLWIG PROGRAM

### Completed Reservoirs

1. Frenchman
2. Antelope
3. Lake Davis
4. Los Banos
5. San Luis Reservoir and Forebay
6. Thermalito Forebay and Afterbay
7. Oroville Reservoir and Borrow Area
8. Bethany Forebay

### Reservoirs Under Construction

1. Del Valle Reservoir
2. Castaic Reservoir
3. Clifton Court Forebay

### Reservoirs to be Constructed

1. Perris Reservoir
2. Lake Silverwood
3. Pyramid Reservoir
4. Abbey Bridge Reservoir
5. Dixie Refuge Reservoir

### Fishing Access Sites

As planned and developed by Wildlife Conservation Board but not limited to those set forth in the Task Force Report.

### Miscellaneous Projects

1. Peripheral Canal Recreation Areas
2. Ingram Creek Aquatic Recreation Area
3. Adams Canalside Habitat Area
4. Cadillac Canalside Habitat Area
5. Kettleman City Aquatic Recreation Area
6. Tupman Aquatic Recreation Area
7. Buena Vista Aquatic Recreation Area
8. Peace Valley Aquatic Recreation Area
9. Frenchmans Flat - Piru Creek Fish Enhancement
10. Ritter Canyon Aquatic Recreation Area
11. Ritter Ridge Ecological Area
12. Little Rock Reservoir Fishery Enhancement
13. Oro Grande Wash Fishing Access and A.R.A.
14. Hesperia Trout Fish Hatchery
15. Mojave Mesa Aquatic Recreation Area
16. Warm Water Hatchery at Mecca











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